

Title (en)
PNEUMATIC LORDOSIS SUPPORT

Title (de)
PNEUMATISCHE LORDOSE-STÜTZE

Title (fr)
APPUI-LORDOSE PNEUMATIQUE

Publication
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Application
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Abstract (en)
[origin: WO2006053453A2] The invention relates to a pneumatic lordosis support (1) consisting of a cushion (3) which is integrated into the backrest (2) of a seat. The cushion (3) comprises laterally in relation to a vertical central line (7), horizontal connections (8) which are arranged between a front side and a rear side of the cushion (3). The cushion (3) is made of an air-tight flexible membrane. The connections (8) comprise openings in the region of the vertical central line (7). The cushion (3) also comprises additional central horizontal connections (10) which are pushed in a vertical manner in relation to the horizontal connections (8), said additional connections extending essentially over the region of the openings in the horizontal connection (8). In the region where the horizontal connections (8) and the central connections (10) are disposed in the vicinity of each other, the reduced radii of the membrane reduces the tension to less than in the remainder of the cushion (3) and enables the vertebral column of a user to sink gently into the cushion (3).

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